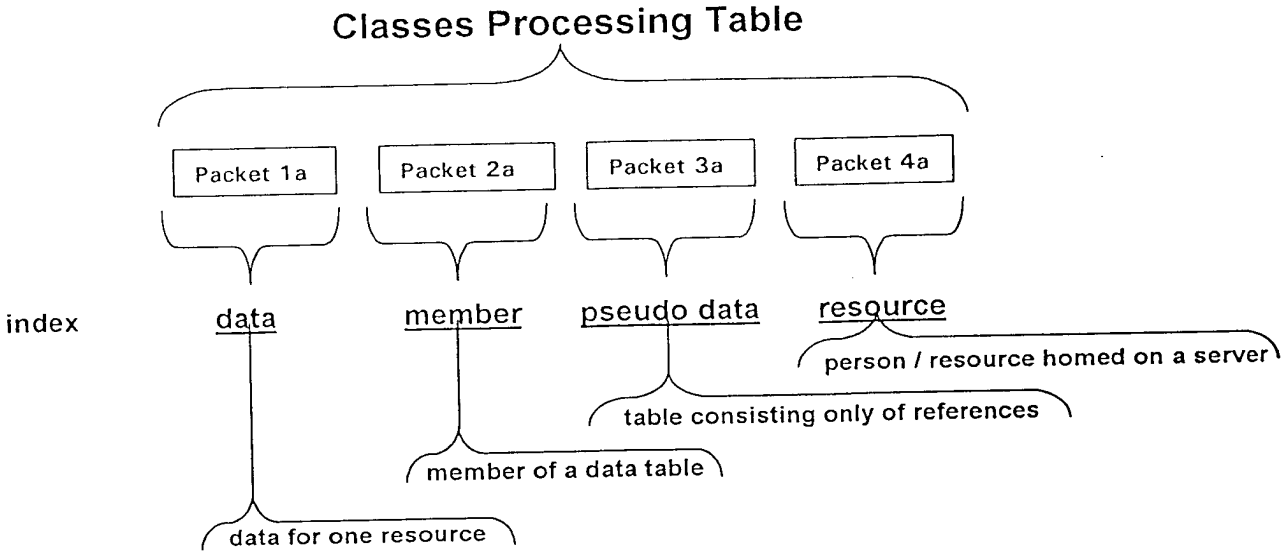

Figure 1 a

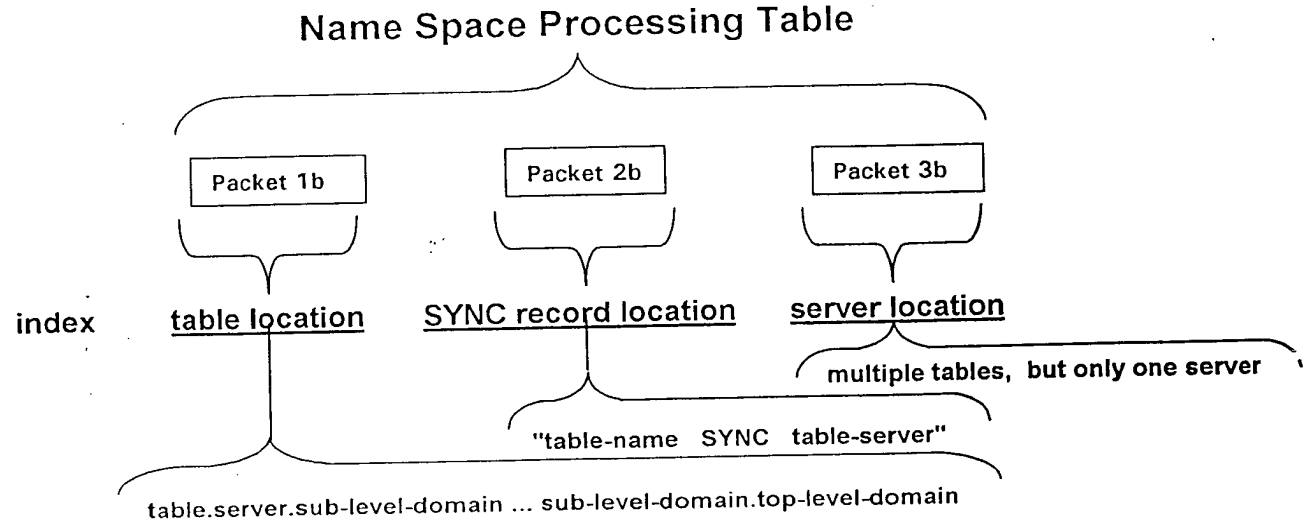

Figure 1b

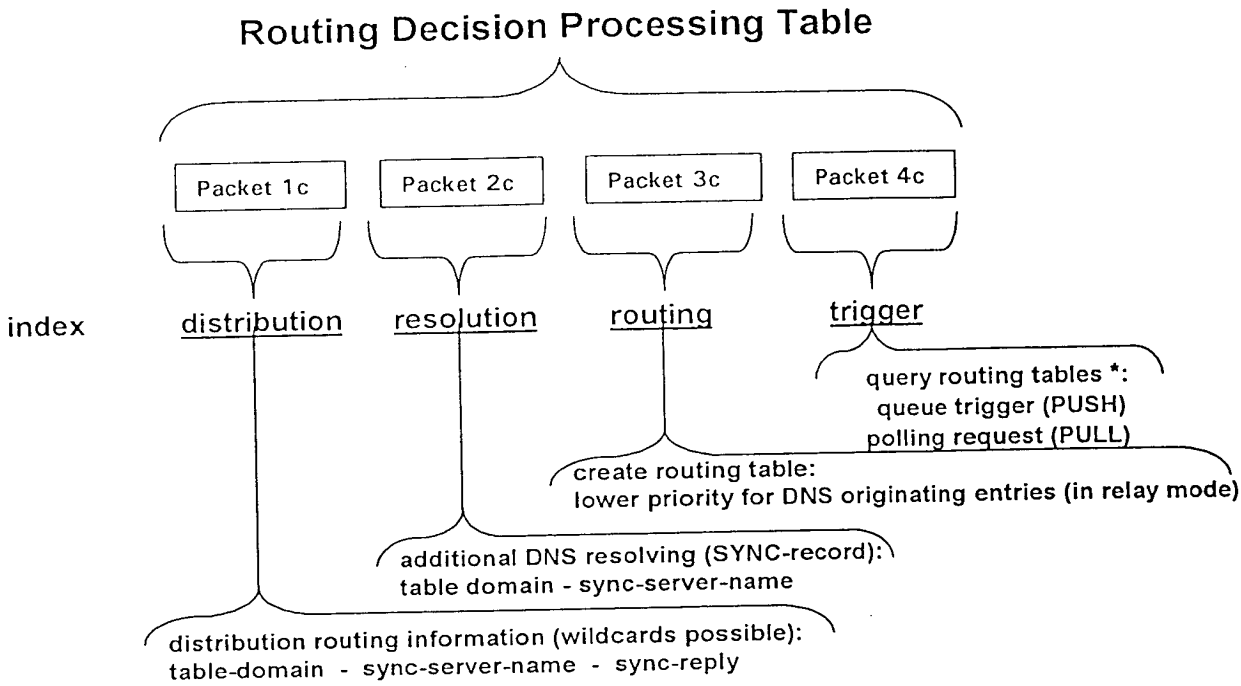
Routing Decision Processing Table
Packet 1c
Packet 2c
Packet 3c
Packet 4c
index
distribution
resolution
routing
trigger
query routing tables *:
queue trigger (PUSH)
polling request (PULL)
create routing table:
lower priority for DNS originating entries (in relay mode)
additional DNS resolving (SYNC-record):
table domain - sync-server-name
distribution routing information (wildcards possible):
table-domain - sync-server-name - sync-reply
(* routing table >< table location with sync data)

Figure 1 c

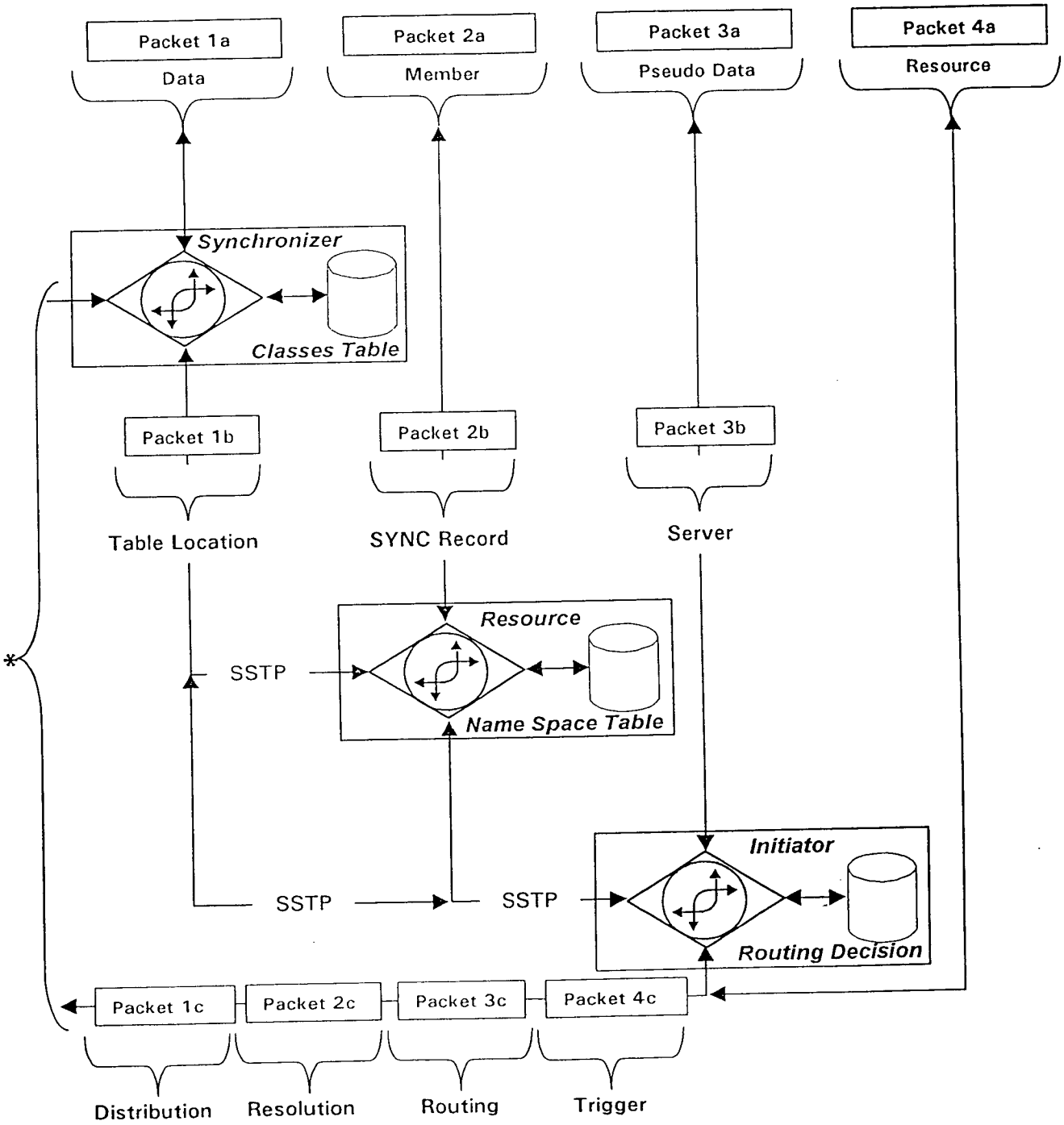
Packet 1a
Data
Packet 2a
Member
Packet 3a
Pseudo Data
Packet 4a
Resource
Synchronizer
Classes Table
Packet 1b
Packet 2b
Packet 3b
Table Location
SYNC Record
Server
Resource
SSTP
Name Space Table
Initiator
SSTP
SSTP
Routing Decision
Packet 1c
Packet 2c
Packet 3c
Packet 4c
Distribution
Resolution
Routing
Trigger

Figure 2

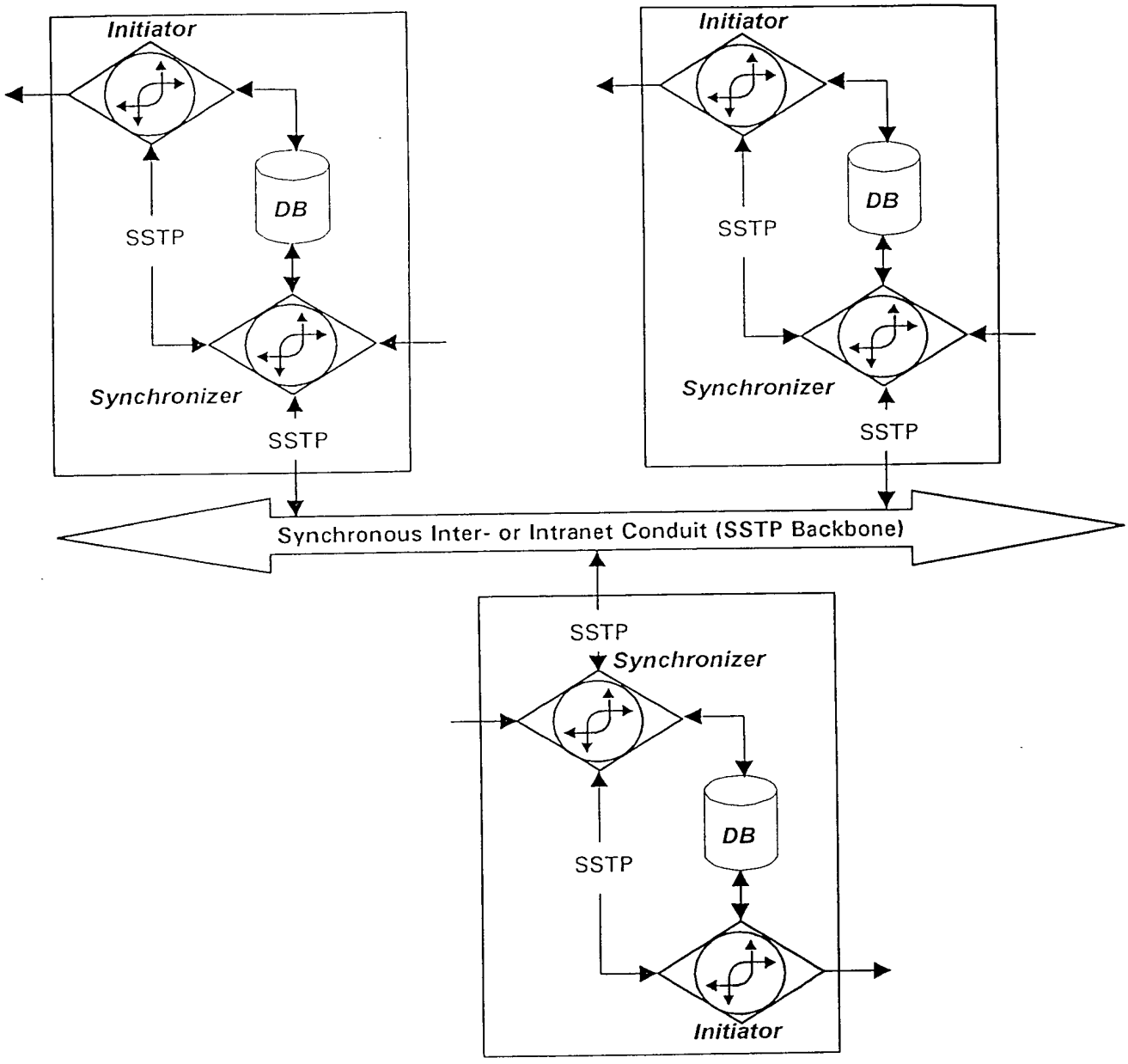
Initiator
DB
SSTP
Synchronizer
SSTP
Initiator
DB
SSTP
Synchronizer
SSTP
Synchronous Inter- or Intranet Conduit (SSTP Backbone)
SSTP
Synchronizer
DB
SSTP
Initiator

Figure 3

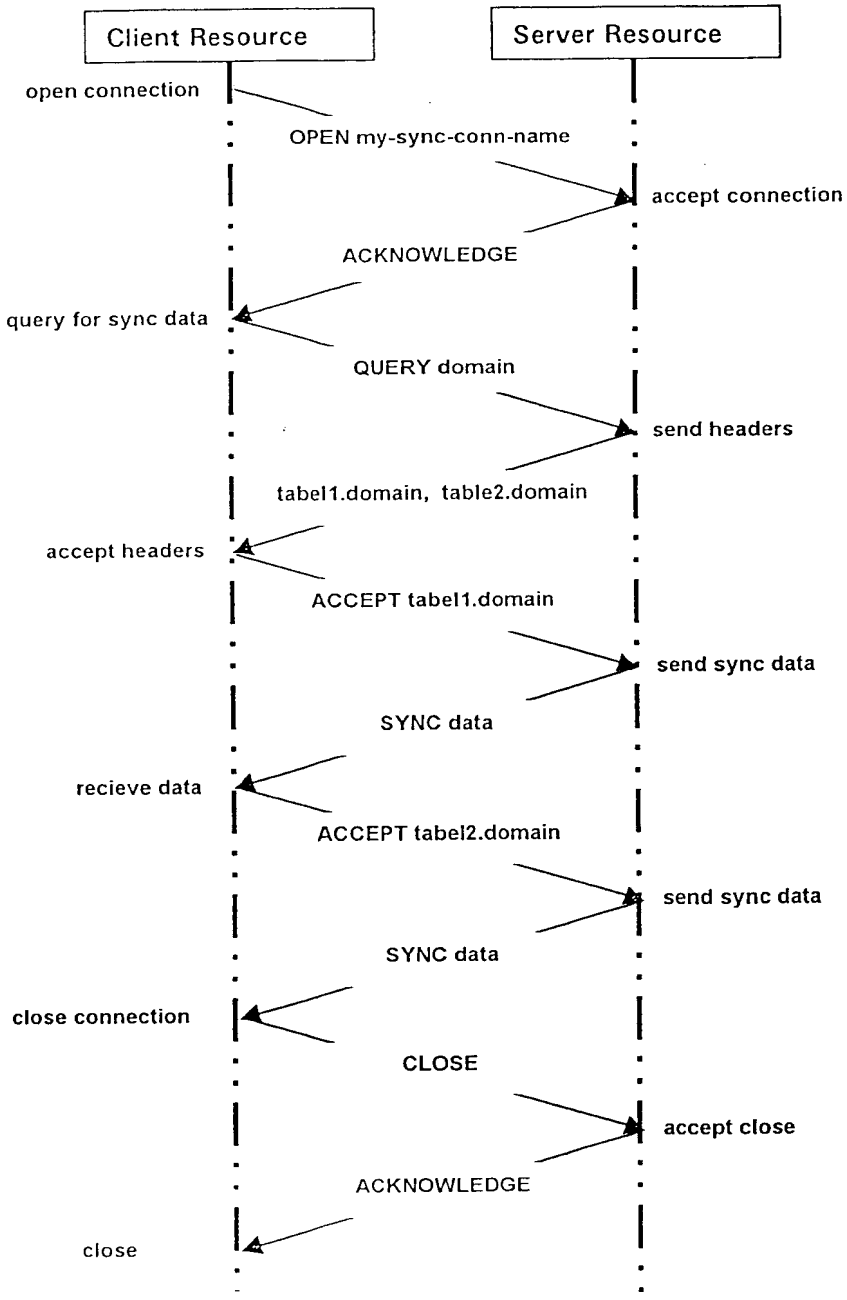
Client Resource
Server Resource
open connection
OPEN my-sync-conn-name
accept connection
ACKNOWLEDGE
query for sync data
QUERY domain
send headers
tabel1.domain, table2.domain
accept headers
ACCEPT tabel1.domain
send sync data
SYNC data
recieve data
ACCEPT tabel2.domain
send sync data
SYNC data
close connection
CLOSE
accept close
ACKNOWLEDGE
close

Figure 4

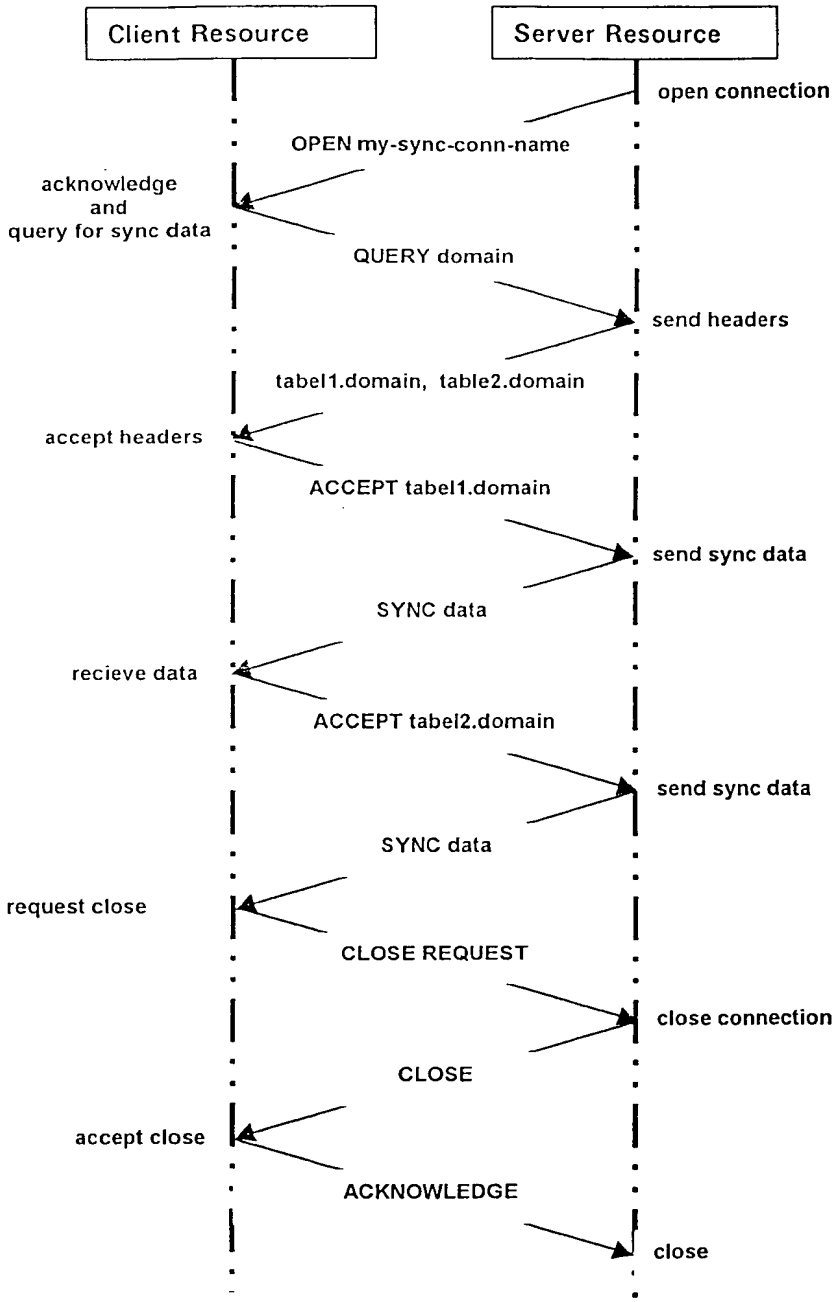
Client Resource
Server Resource
open connection
OPEN my-sync-conn-name
acknowledge
and
query for sync data
QUERY domain
send headers
tabel1.domain, table2.domain
accept headers
ACCEPT tabel1.domain
send sync data
SYNC data
recieve data
ACCEPT tabel2.domain
send sync data
SYNC data
request close
CLOSE REQUEST
close connection
CLOSE
accept close
ACKNOWLEDGE
close

Figure 5